

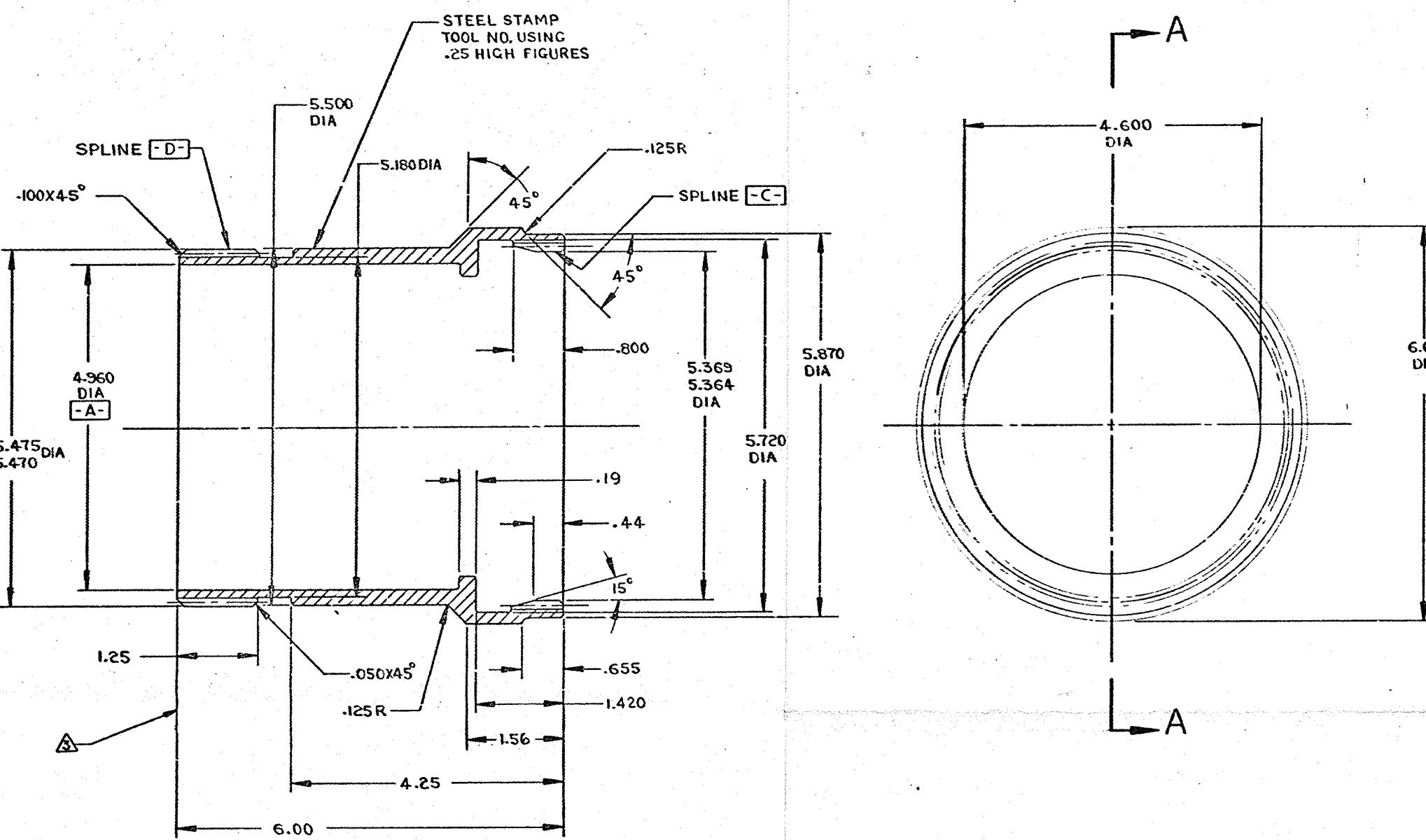
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	SEE EN 412-127-466(G) INC EO 412A3J1 D11-C-2-2-473, 1015 REV 412A3Z CHG FROM TEST TO FED DWG. REF TEST ED 412A221	4-14-30	J. ALCO
B			
C			
D			

SPLINE -C-

TYPE INTERNAL, INVOLUTE FLAT ROOT, SIDE FIT
 NO OF TEETH 44
 PRESSURE ANGLE 30°
 PITCH 6/16
 BASE CIRCLE DIA (REF) 4.763440
 PITCH DIA (REF) 5.5000
 MINOR DIA (REF) 5.364-5.369
 FORM DIA 5.636
 MAJOR DIA 5.662-5.664 A3
 CIRCULAR SPACE WIDTH:
 MIN ACTUAL (REF) 1990 A3
 MAX ACTUAL (REF) 2012 A3
 MEASUREMENT BETWEEN .2160 DIA PINS 5.1934 ~ 5.1970
 SURFACE TEXTURE 125AA

SPLINE ED-

TYPE EXTERNAL, INVOLUTE FLAT ROOT, SIDE FIT
 NO OF TEETH 43
 PRESSURE ANGLE 30°
 PITCH 8/16
 BASE CIRCLE DIA (REF) 4.654886
 PITCH DIA (REF) 5.375
 MAJOR DIA (REF) 5.470-5.475
 FORM DIA 5.239
 MINOR DIA (MIN) 5.194 A3
 CIRCULAR TOOTH THICKNESS:
 MAX ACTUAL (REF) 1866
 MIN ACTUAL (REF) 1807
 MEASUREMENT OVER .2160 DIA PINS 5.651-5.661 A2
 SURFACE TEXTURE 125AA



SECTION A-A

NOTES:

1. BREAK ALL SHARP EDGES .015 R OR .015X45°-50°.
2. ALL UNDESIGNED DIAMETERS AND SURFACES TO BE A100
3. HEAT TREAT TO 145-165 KSI ~ Rc 32.5-36.5. CHECK HARDNESS ON INDICATED SURFACE.
4. SEE DWG 412-049-101 FOR TOOL APPLICATION.
5. A1 A CADMIUM PLATE PER FED SPEC QQ-P-41G, CLASS 2, TYPE II.

FILE COPY

T103178		SOCKET	EVALXLOWALX34130ALYST	COMMERCIAL	A
QTY	1	PART OR IDENTIFYING NO	CODE IDENT NO	NOMENCLATURE OR DESCRIPTION	STOCK SIZE
					MATERIAL MATERIAL SPEC

WAV LIST EWA 412 M10.7 W.O. 4720

Bell Helicopter TEXTRON Division of Textron Inc.

POST OFFICE BOX 442 • PORT WOOD, TEXAS 75264

TITLE SOCKET WRENCH -

MAST BRG NUT,

INSTL AND REMOVAL

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FOR APPROVED INTERCHANGEABLE EQUIVALENTS AND SUPERSEDED PARTS - SEE BHT STANDARD 170-001	THE FOREGOING DOES NOT APPLY TO VENDOR PARTS.	DASH NO. 412 NEXT ASSY. 412 USED ON NO. 412 APPLICATION	APPLICABLE DOCUMENTS ABBREVIATIONS PER SAE J411 DIMENSIONING AND TOLERANCING PER ANSI Y14.5-1973 ELECTRICAL SYMBOLS MATERIALS SURFACE TOLERANCES PER ANSI Y14.5-1973 ELECTRICAL REF DESIGNATIONS PER ANSI Y32.16

ITEM CODE IDENT NO. DWG NO.

E 97499 T103178

SCALE 1/1 ISSUED SHEET 1 OF 1

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